List of scripts and functions in TMD (Tide Model Driver) toolbox.

Last modified: 19-Mar-2005

Name	Last modified	Usage
BLinterp.m	05-Feb-2004	Bilinear interpolator
Huv.m	05-Feb-2004	
InFileFormat.m	05-Feb-2004	
InferMinor.m	12-Oct-2004	Inference of minor constituents from modeled harmonics
Muv.m	05-Feb-2004	
TMD_calculate.m	05-Feb-2004	
TMD_fig1.m	05-Feb-2004	
TMD_fig2.m	05-Feb-2004	
TMD_subgrid.m	05-Feb-2004	
TMDcrash.m	05-Feb-2004	
Thumbs.db	22-Sep-2004	
TideEl.m	05-Feb-2004	Calculate tidal ellipse parameters from (u,v)
XY.m	05-Feb-2004	Make arrays of lat and lon from limits and spacing
astrol.m	05-Feb-2004	
changeCaxis.m	05-Feb-2004	
checkTypeName.m	05-Feb-2004	
check_date.m	05-Feb-2004	
check_lat_lon.m	05-Feb-2004	
constit.m	05-Feb-2004	File containing basic characteristics for each tidal harmonic
cor_date.m	05-Feb-2004	
data.mat	29-Jun-2004	
directory_tmd.m	18-Mar-2005	
ellipse.m	17-Aug-2004	Get tidal ellipse parameters at specified locations
extract_HC.m	12-Oct-2004	Get tidal harmonics values (amp, phase) for specified harmonic and location
findMname.m	05-Feb-2004	
get_bathy.m	01-Oct-2004	Get longitude, latitude, and bathymetry
get_coeff.m	29-Sep-2004	
get_ellipse.m	17-Aug-2004	Get map of current ellipse properties
get_grid.m	27-Jul-2004	Get bathymetry grid for specified model
grd_in.m	05-Feb-2004	
grd_out.m	28-Jun-2004	
h_in.m	05-Feb-2004	
h_out.m	28-Jun-2004	
har.m	18-Mar-2005	Get tidal harmonic coefficients from time series data
harp.m	05-Feb-2004	
harp1.m	05-Feb-2004	
lat_lon	05-Feb-2004	
lat_lon_1	25-Nov-2003	
lat_lon_2	25-Nov-2003	
lat_lon_cr3	25-Nov-2003	
mk_submodel.m	28-Jun-2004	Make a smaller model from the main model
mk_submodel_lp.m	04-Oct-2004	Make a smaller model from the main model (interactive)

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nodal.m           05-Feb-2004 Get nodal correction amp and phase
plot_uv.m         05-Feb-2004 Example usage and plotting script
rdModFile.m       05-Feb-2004
rd_con.m          05-Feb-2004
setcaxis.m        05-Feb-2004
tide_pred.m       12-Oct-2004 Run tide predictions
timeOnOff.m       05-Feb-2004
tmd.m             05-Oct-2004 TIDE MODEL DRIVER GUI
tmd_exerciser.m   30-Sep-2004 Script to execute various TMD scripts, to
                                demonstrate their use.
u_in.m            05-Feb-2004
uv_out.m          28-Jun-2004
xy_ll.m           05-Feb-2004 Conversion between (x,y) for Cartesian grids,
                                and (lat,lon)
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